Product datasheet

Anti-Eotaxin antibody ab8018

Overview

Product name  Anti-Eotaxin antibody
Description  Rabbit polyclonal to Eotaxin
Host species  Rabbit
Tested applications  Suitable for: ICC/IF, IHC-R, WB
Species reactivity  Reacts with: Human
Immunogen  Synthetic peptide, corresponding to amino acids 83-97 of Human Eotaxin.
Positive control  The recombinant protein can be used as positive control.

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Store at +4°C.
Storage buffer  PBS with 0.02% sodium azide
Purity  DEAE-Chromatography
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab8018 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use a concentration of 5 µg/ml.</td>
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<tr>
<td>IHC-R</td>
<td>★★★★★☆</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 0.5 - 1 µg/ml. Can be blocked with Eotaxin peptide (ab8127). Monomer and homodimer are detected at approximate 9 and 18 kDa.</td>
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**Function**

In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3.

**Sequence similarities**

Belongs to the intercrine beta (chemokine CC) family.

**Post-translational modifications**

O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.

**Cellular localization**

Secreted.

### Images

#### Western blot - Eotaxin antibody (ab8018)

**All lanes**: Anti-Eotaxin antibody (ab8018) at 1 µg/ml

**Lane 1**: Hela cell lysate containing 10ng full length recombinant eotaxin

**Lane 2**: Hela cell lysate containing 2.5ng full length recombinant eotaxin

**Lane 3**: Hela cell lysate containing 1ng full length recombinant eotaxin

#### Immunocytochemistry/ Immunofluorescence - Eotaxin antibody (ab8018)

ab8018 at 5µg/ml staining Eotaxin in 293 cells by ICC/IF
ab8018 staining Eotaxin in Human nasal polyp and tonsil tissue sections by Immunohistochemistry (resin-embedded sections). The tissue was fixed in acetone and inhibitors and embedded into GMA resin. Samples were incubated with primary antibody (1/250 in Tris buffered saline) for 18 hours at 4°C. A Biotin-conjugated Pig anti-rabbit polyclonal (1/1200) was used as the secondary antibody.

Immunofluorescence of Eotaxin in 293 cells using ab8018 at 10 μg/ml.

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